



ATTACHMENT A

1. (Currently Amended): A process for preparing a propylene polymer composition in an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer is prepared by polymerization, and  
in a second polymerization stage, ethylene and propylene are polymerized to give an ethylene/propylene copolymer comprising ~~from 95% more~~ than 97% to 99.5% by weight of ethylene, wherein the amount of the ethylene/propylene copolymer in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg.

2. (Previously Presented): The process as claimed in claim 1, wherein the propylene homopolymer prepared in the first polymerization stage comprises a melt flow rate, MFR, from 5 to 150 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg.

3. (Cancelled)

4. (Previously presented): The process as claimed in claim 1, wherein both the first and the second polymerization stages are carried out in gas phase.

5. (Previously Presented): The process as claimed in claim 4, wherein in the first polymerization stage the

polymerization is carried out at a pressure from 10 to 50 bar and a temperature from 50 to 100°C, in presence of a polymerization-active catalyst system; the propylene homopolymer obtained in the first polymerization stage together with the catalyst system is introduced into an intermediate vessel, depressurized to less than 5 bar for from 0.01 to 5 minutes and the pressure in the intermediate vessel is then increased from 5 to 60 bar by injection of a gas mixture whose composition differs from the composition of the gas mixture of the first polymerization stage; the propylene homopolymer together with the catalyst is subsequently transferred to the second polymerization stage and further polymerized at a pressure from 10 to 50 bar and a temperature from 50 to 100°C.

6. (Cancelled)

7. (Cancelled)

8. (Currently Amended): A process for preparing a polymer composition comprising (1) preparing a propylene polymer composition in an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer is prepared by polymerization, and

in a second polymerization stage, ethylene and propylene are polymerized to give an ethylene/propylene copolymer comprising ~~from 95%~~ more than 97% to 99.5% by weight of ethylene,

wherein the amount of the ethylene/propylene copolymer in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition

comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg; and

(2) subsequently mixing an ethylene-C<sub>3</sub>-C<sub>10</sub>-1-alkene copolymer comprising a crystallinity lower than the ethylene/propylene copolymer formed in the second polymerization stage.

9. (Cancelled)

10. (Currently Amended): A propylene polymer composition obtained by an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer is prepared by polymerization, and

in a second polymerization stage, ethylene and propylene are polymerized to give an ethylene/propylene copolymer comprising ~~from 95%~~ more than 97% to 99.5% by weight of ethylene,

wherein the amount of the ethylene/propylene copolymer in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg.

11. (Currently Amended): A method for producing films, fibers or moldings comprising extruding or molding a propylene polymer composition to form the films, fibers or moldings, the propylene polymer composition obtained by an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer is prepared by polymerization, and in a second polymerization stage, ethylene and propylene are polymerized to give an ethylene/propylene copolymer comprising ~~from 95%~~ more than 97% to 99.5% by weight of ethylene, wherein the amount of the ethylene/propylene copolymer in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg.

12. (Currently Amended): A film, fiber or molding comprising a propylene polymer composition, the propylene polymer composition obtained by a process, wherein, the process comprises at least two-stages, and

in a first polymerization stage, a propylene homopolymer is prepared by polymerization, and in a second polymerization stage, ethylene and propylene are polymerized to give an ethylene/propylene copolymer comprising ~~from 95%~~ more than 97% to 99.5% by weight of ethylene; and wherein the amount of the ethylene/propylene copolymer in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min in accordance with ISO 1133 at 230°C and 2.16 kg.

13. (Cancelled)

14. (Currently Amended): A propylene polymer composition obtained by a process comprising (1) preparing a propylene polymer composition in an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer is prepared by polymerization, and  
in a second polymerization stage, ethylene and propylene are polymerized to give an ethylene/propylene copolymer comprising ~~from 95%~~ more than 97% to 99.5% by weight of ethylene,

wherein the amount of the ethylene/propylene copolymer in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg; and

(2) subsequently mixing an ethylene-C<sub>3</sub>-C<sub>10</sub>-1-alkene copolymer comprising a crystallinity lower than the ethylene/propylene copolymer formed in the second polymerization stage.

15. (Currently Amended): A film, fiber or molding comprising a propylene polymer composition obtained by a process comprising (1) preparing a propylene polymer composition in an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer is prepared by polymerization, and  
in a second polymerization stage, ethylene and propylene are polymerized to give an ethylene/propylene copolymer comprising ~~from 95%~~ more than 97% to 99.5% by weight of ethylene,

wherein the amount of the ethylene/propylene copolymer in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprising a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg; and

(2) subsequently mixing an ethylene-C<sub>3</sub>-C<sub>10</sub>-1-alkene copolymer comprising a crystallinity lower than the ethylene/propylene copolymer formed in the second polymerization stage.

16. (New): A process for preparing a propylene polymer composition in a two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer is prepared by polymerization, and

in a second polymerization stage, ethylene and propylene are polymerized to give an ethylene/propylene copolymer comprising from 95% to 99.5% by weight of ethylene,

wherein the amount of the ethylene/propylene copolymer in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg, and the propylene polymer composition consists essentially of the propylene homopolymer and the ethylene/propylene copolymer.

17. (New): A process for preparing a polymer composition comprising:

(1) preparing a propylene polymer composition in a two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer is prepared by polymerization, and in a second polymerization stage, ethylene and propylene are polymerized to give an ethylene/propylene copolymer comprising from 95% to 99.5% by weight of ethylene, wherein the amount of the ethylene/propylene copolymer in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg; and

(2) subsequently mixing an ethylene-C<sub>3</sub>-C<sub>10</sub>-1-alkene copolymer comprising a crystallinity lower than the ethylene/propylene copolymer formed in the second polymerization stage, wherein the polymer composition consists essentially of the propylene homopolymer, the ethylene/propylene copolymer, and the ethylene-C<sub>3</sub>-C<sub>10</sub>-1-alkene copolymer.

18. (New): A propylene polymer composition obtained by a two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer is prepared by polymerization, and in a second polymerization stage, ethylene and propylene are polymerized to give an ethylene/propylene copolymer comprising from 95% to 99.5% by weight of ethylene, wherein the amount of the ethylene/propylene copolymer in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a

melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg, and the propylene polymer composition consists essentially of the propylene homopolymer and the ethylene/propylene copolymer.

19. (New): A propylene polymer composition obtained by a process comprising:

(1) preparing a propylene polymer composition in an at least two-stage process, wherein,

in a first polymerization stage, a propylene homopolymer is prepared by polymerization, and

in a second polymerization stage, ethylene and propylene are polymerized to give an ethylene/propylene copolymer comprising from 95% to 99.5% by weight of ethylene,

wherein the amount of the ethylene/propylene copolymer in the propylene polymer composition ranges from 10 to 50% by weight, and the propylene polymer composition comprises a melt flow rate, MFR, from 2 to 50 g/10 min. in accordance with ISO 1133 at 230°C and 2.16 kg; and

(2) subsequently mixing an ethylene-C<sub>3</sub>-C<sub>10</sub>-1-alkene copolymer comprising a crystallinity lower than the ethylene/propylene copolymer formed in the second polymerization stage, wherein the polymer composition consists essentially of the propylene homopolymer, the ethylene/propylene copolymer, and the ethylene-C<sub>3</sub>-C<sub>10</sub>-1-alkene copolymer.